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KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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KGC 23-03

AGRICULTURAL NEWS: Another warm week was in store for Kentucky farmers. Weekend showers revived some crops, but prevented farmers from working in the fields at week's end. Before the rain, early tobacco was cut and housed, more hay was harvested, and pastures were clipped. The number of days suitable for fieldwork averaged 5.6 out of a possible seven days. Topsoil moisture was rated 3 percent very short, 26 percent short, 62 percent adequate and 9 percent surplus as of Friday, August 29. Subsoil moisture was rated 2 percent very short, 22 percent short, 69 percent adequate and 7 percent surplus.

CORN: Corn condition was 2 percent very poor, 5 percent poor, 20 percent fair, 42 percent good, and 31 percent excellent. Eighty-six percent of the corn has reached the dent stage or beyond, behind both last year and the 5 year average of 90 percent. Corn matured was at 49 percent, compared to 57 percent a year ago and 53 percent for the 5 year average. The rain prevented farmers from harvesting their early-maturing corn for grain. Farmers were chopping corn for silage. Once the fields are dry enough, the harvest season should pick up quickly.

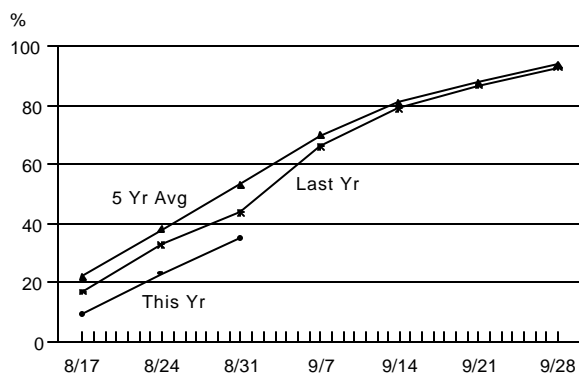
SOYBEANS: Recent showers greatly improved soybean conditions, which were rated 2 percent poor, 17 percent fair, 49 percent good, and 32 percent excellent. Soybeans setting pods was at 83 percent, compared to 86 percent for

2002 and 87 for the average. Six percent of the soybean crop's leaves were turning yellow, behind last year's 16 percent, and the 5 year average of 20 percent. On Sunday, August 31, 1 percent of the soybeans were dropping leaves, compared to 4 percent a year ago, and the 5 year average of 8 percent. Rain will benefit pod filling and farmers with late or double-cropped soybeans hope for a late frost this year.

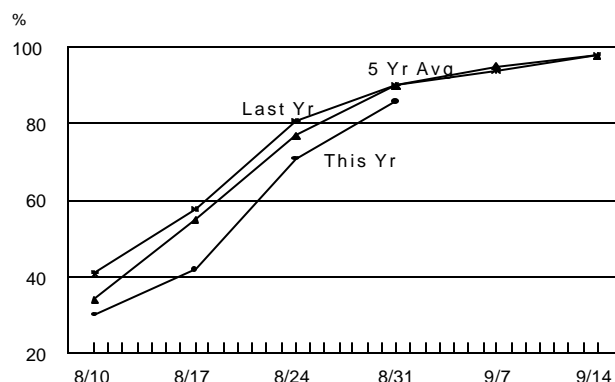
TOBACCO: Some of the early tobacco were cut and housed this week. It appears to be curing well and weighing a little heavy. Additional reports of blue mold were minimal. Tobacco condition was reported as 2 percent very poor, 7 percent poor, 25 percent fair, 45 percent good, and 21 percent excellent. Thirty-five percent of burley tobacco has been cut, below last year's 44 percent and the 5 year average of 53 percent. **Dark tobacco** cut was 29 percent, compared to 40 percent for 2002 and 51 percent for the 5 year average.

OTHER CROPS: Farmers continued to cut **hay** this week. Hay conditions were 1 percent very poor, 4 percent poor, 23 percent fair, 52 percent good, and 20 percent excellent. **Pastures** revived some with the weekend showers. Pasture condition was rated at 2 percent very poor, 6 percent poor, 28 percent fair, 47 percent good, and 17 percent excellent.

BURLEY TOBACCO PERCENT CUT PROGRESS



CORN PERCENT DENT OR BEYOND



KENTUCKY CROP PROGRESS
WEEK ENDING AUGUST 31, 2003
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Soybeans					
Setting Pods	83	86	87	66	91
Turning Yellow	6	16	20	1	NA
Shedding Leaves	1	4	8	1	4
Corn					
Dent Stage	86	90	90	71	34
Mature	49	57	53	19	7
Harvested	5	18	12	NA	NA
Burley Tobacco Cut	35	44	53	23	NA
Dark Tobacco Cut	29	40	51	17	NA

(NA) Data Not Available.

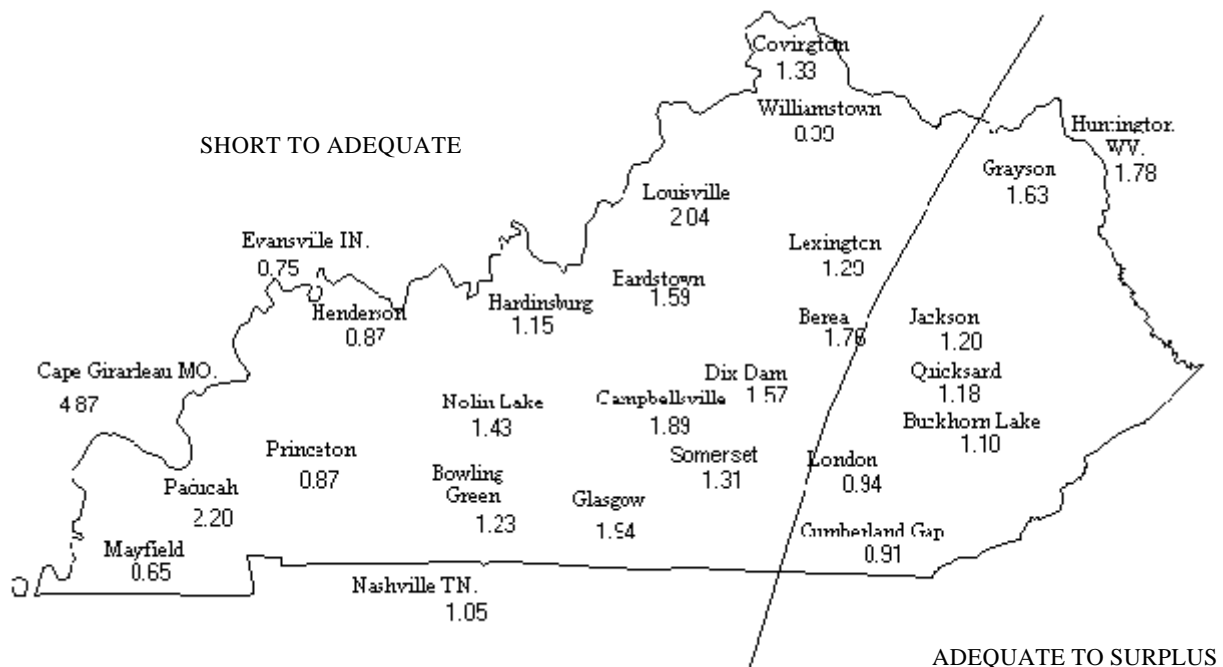
SOIL MOISTURE
WEEK ENDING AUGUST 29, 2003
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	3	2
Short	26	27
Adequate	62	67
Surplus	9	4
SUBSOIL		
Very Short	2	2
Short	22	17
Adequate	69	74
Surplus	7	7

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING AUGUST 29, 2003					WEEK ENDING AUGUST 22, 2003				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn	2	5	20	42	31	2	6	28	37	27
Soybeans	0	2	17	49	32	0	4	19	50	28
Pasture	2	6	28	47	17	1	3	24	55	17
Hay Crops	1	4	23	52	20	0	2	27	54	17
Tobacco in Field	2	7	25	45	21	1	7	28	45	19

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, AUGUST 31, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, AUGUST 29, 2003



KENTUCKY WEATHER SUMMARY, AUGUST 25 - 31, 2003:

ABOVE NORMAL TEMPERATURES AND ABOVE NORMAL RAINFALL:

The hottest workweek so far this summer for the State as a whole with numerous showers and thunderstorms which started at mid-week and continued into the weekend. Most locations had high temperatures in the low to mid 90s through the workweek. But cooler temperatures returned on the weekend.

Temperatures for the period averaged 79 degrees across the State which was 7 degrees above normal and 2 degrees warmer than the previous week. High temperatures averaged from 91 in the West to 87 in the East. Departure from normal high temperatures ranged from 5 degrees above normal in the West to 5 degrees above normal in the East. Low temperatures averaged from 70 degrees in the West to 68 degrees in the East. Departure from normal low temperature ranged from 7 degrees above normal in the West to 8 degrees above normal in the East.

Rainfall for the period totaled 1.46 inches statewide which was 0.61 inches above normal. Rainfall totals by climate division, West 1.70 inches, Central 1.56 inches, Bluegrass 1.30 inches and East 1.26 inches, which was 0.91, 0.72, 0.44 and 0.38 inches respectively above normal. By station, rainfall totals ranged from a low of 0.39 inches at Williamstown to a high of 2.02 inches at Paducah.

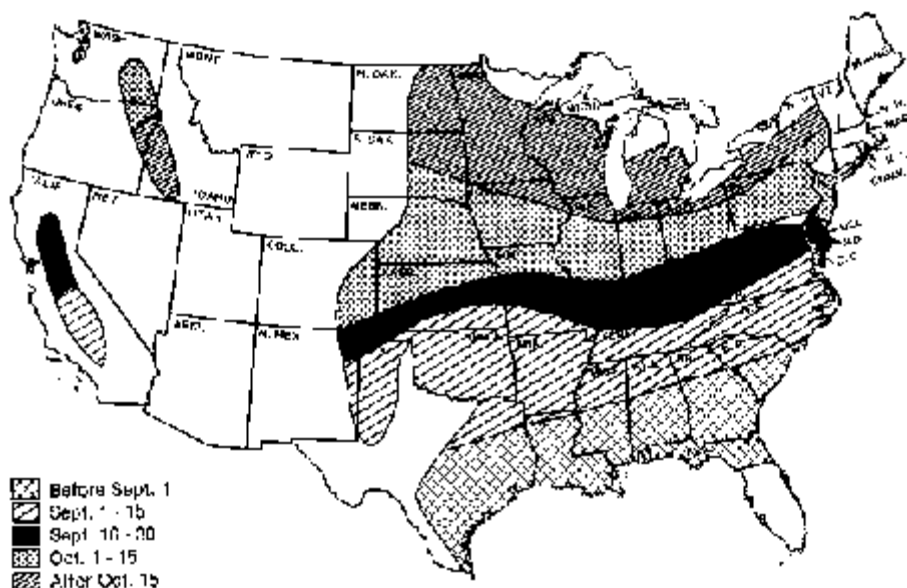
Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, AUGUST 31, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)					(Degrees Fahrenheit)						
Bardstown	1.59	30.02	5.39	+9.08	+1.84	90	62	77.9	+6	188	2918	+36
Berea	1.76	29.38	3.23	+7.95	-0.37	91	63	79.0	+8	191	2961	-14
Bowling Green	1.23	27.06	1.88	+5.38	-1.29	93	63	80.1	+8	195	3094	+89
Bristol	0.84	37.28	8.54	+19.05	+5.68	91	62	76.9	+6	180	2807	+47
Buckhorn Lake	1.10	31.11	5.24	+10.61	+1.94	90	61	77.5	+6	184	2818	+211
Cape Girardeau	4.87	28.07	5.66	+7.95	+2.51	96	62	80.5	+7	192	3082	-77
Campbellsville	1.89	30.09	4.12	+6.06	-0.01	93	66	79.9	+8	193	3084	+139
Covington	1.33	21.54	3.74	+2.08	+0.71	90	62	76.0	+5	174	2660	-71
Cumberland Gap	0.91	34.63	6.46	+11.88	+2.55	91	63	77.8	+6	185	2916	+186
Dix Dam	1.57	29.81	4.21	+8.32	+0.69	91	63	78.3	+7	188	2920	+7
Evansville	0.75	18.71	0.87	-0.70	-1.94	96	63	80.6	+7	196	2976	-30
Glasgow	1.94	31.55	4.43	+8.00	+0.79	94	68	80.6	+9	196	3180	+265
Grayson	1.63	30.28	4.83	+9.94	+1.44	92	61	77.5	+6	181	2799	+222
Hardinsburg	1.15	24.14	2.35	+2.62	-1.06	94	66	79.6	+7	193	2962	-43
Henderson	0.87	28.94	2.04	+9.08	-0.82	95	61	80.7	+7	190	3001	-35
Huntington	1.78	30.88	5.27	+10.45	+1.71	93	61	77.5	+6	178	2778	+17
Jackson	1.20	26.70	3.45	+5.04	-0.17	90	62	77.8	+6	186	2768	+161
Lexington	1.29	28.05	3.97	+7.11	+0.42	91	63	77.9	+7	186	2833	+72
London	0.94	33.55	5.40	+13.68	+2.41	89	60	77.1	+6	181	2801	+71
Louisville	2.04	27.85	3.64	+7.49	+0.44	93	65	78.5	+6	187	2935	-102
Mayfield	0.65	17.33	0.65	-4.42	-2.81	92	63	78.7	+5	190	2929	-137
Nashville	1.05	24.68	3.01	+4.43	-0.12	93	67	80.5	+8	196	3258	+38
Nolin Lake	1.43	26.58	2.60	+3.85	-0.79	93	66	80.1	+8	195	3081	+290
Paducah	2.20	23.63	2.71	+2.10	-0.31	96	63	80.1	+6	192	3128	+0
Princeton	0.87	23.65	1.52	+1.74	-2.10	96	61	81.1	+7	194	3139	+42
Quicksand	1.18	33.69	4.72	+12.03	+1.10	90	62	77.8	+6	186	2830	+223
Somerset	1.31	35.40	3.98	+12.93	+0.44	91	63	78.3	+7	186	2921	+100
Spindletop	1.47	22.61	5.10	+1.67	+1.55	90	63	77.9	+7	186	2748	-13
Williamstown	0.39	24.74	3.66	+4.15	+0.29	90	64	76.9	+6	180	2863	+102

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

CORN FOR GRAIN - USUAL START OF HARVESTING, PRINCIPAL AREAS IN THE U.S.



CORN CONDITION AND PROGRESS FOR WEEK ENDING AUGUST 24, 2003

State	CONDITION PERCENT				
	VP	P	F	G	EX
CO	6	10	22	47	15
IL	2	6	27	49	16
IN	5	11	28	43	13
IA	5	14	35	39	7
KS	24	31	28	16	1
KY	2	6	28	37	27
MI	1	10	25	53	11
MN	6	14	38	37	5
MO	29	29	23	16	3
NE	15	16	24	29	16
NC	1	4	17	55	23
ND	4	9	27	51	9
OH	2	6	24	46	22
PA	2	7	20	45	26
SD	6	12	24	47	11
TN	2	3	14	55	26
TX	17	19	32	28	4
WI	14	18	33	30	5
18 States	8	13	29	39	11
Prev Week	6	10	24	44	16
Prev Year	13	16	29	33	9

VP - Very Poor P - Poor F - Fair G - Good EX - Excellent

State	PERCENT DOUGH			
	Curr	Last Wk	2002	Avg
CO	70	37	64	59
IL	88	74	88	90
IN	70	45	72	89
IA	71	45	81	77
KS	96	87	91	93
KY	94	70	97	94
MI	44	13	29	48
MN	61	35	70	74
MO	93	88	93	93
NE	87	74	90	89
NC	88	86	97	94
ND	79	62	86	88
OH	73	52	70	79
PA	49	30	70	67
SD	70	42	79	79
TN	100	97	100	98
TX	96	95	98	98
WI	57	35	65	60
18 States	76	57	80	82

These 18 States planted 92% of last year's corn acreage.

State	PERCENT DENT			
	Curr	Last Wk	2002	Avg
CO	29	6	15	19
IL	42	24	45	56
IN	21	6	25	50
IA	27	7	43	41
KS	69	48	64	64
KY	71	42	81	77
MI	3	0	6	16
MN	23	7	25	31
MO	75	63	71	74
NE	42	16	56	50
NC	67	53	89	80
ND	24	10	20	40
OH	13	4	17	31
PA	7	6	33	26
SD	18	6	37	34
TN	94	79	95	88
TX	84	80	91	87
WI	7	2	20	17
18 States	34	18	42	46

These 18 States planted 92% of last year's corn acreage.

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.